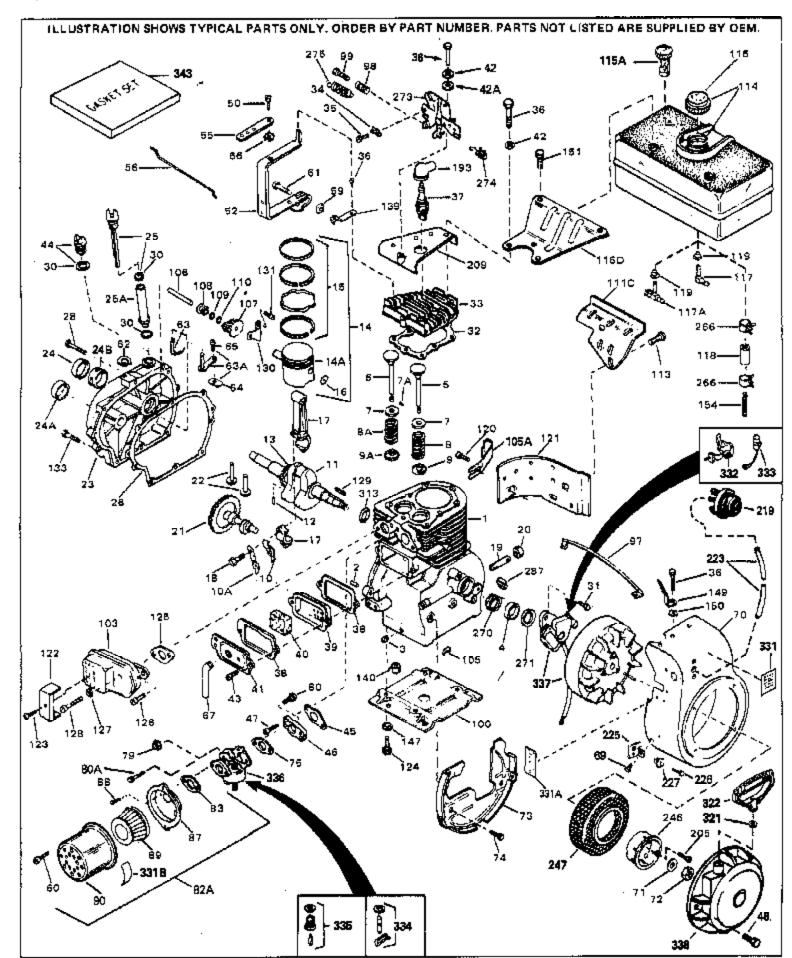
H70-130080 Engine Parts List #1



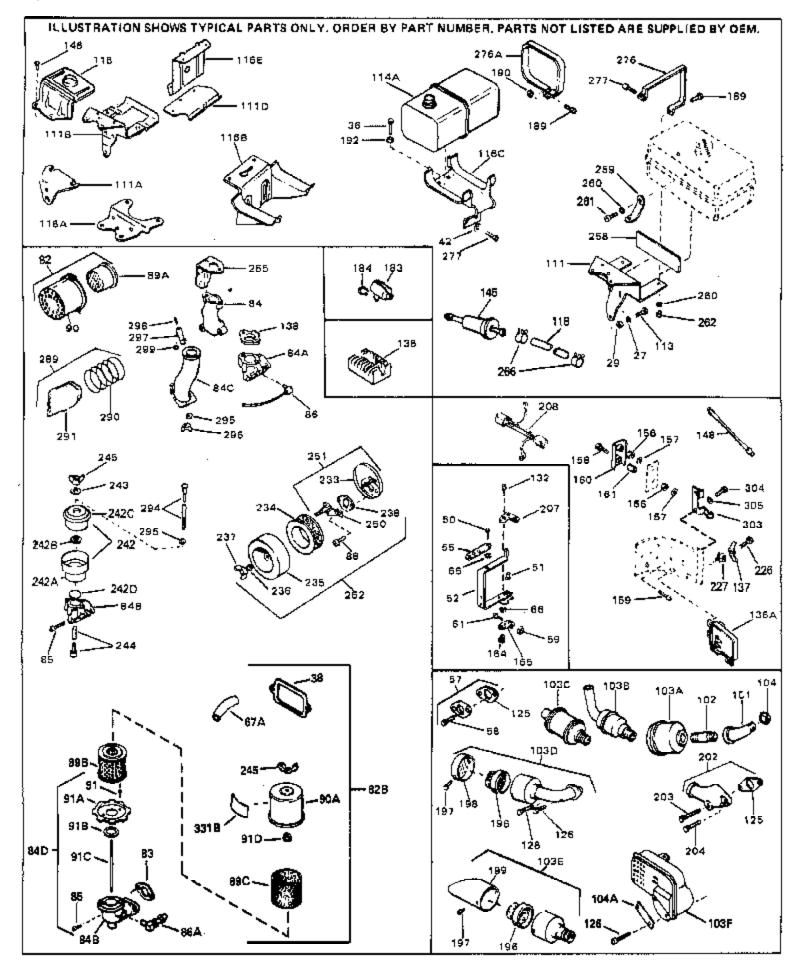
Ref #	Part Number	Qty	Description
1			Cylinder (Incl. 2, 3, 4 & 76) (2-3/4" Bore)
	27652		Pin, Dowel
	27642		Plug, Oil drain
4	32630		Seal, Oil
5	32783		Intake Valve (Std.) (Incl. 9)
5	32784		Intake Valve (1/32" OS) (Incl. 9)
6	27878A		Exhaust Valve (Std.) (Incl. 9)
6	27880A		Exhaust Valve (1/32" OS) (Incl. 9)
7A	20810		Pin, Valve spring retainer (Use as re quired)
	27882		Cap, Upper valve spring
	27881		Spring, Valve
	27881		Spring, Valve
	32581		Cap, Lower valve spring
	32581		Cap, Lower valve spring
	32590		Plate, Lock & Oil dipper (This plate may be replaced by
10/ (02000		34242 oil dipper but 650662C screw must be used.)
	34242		Dipper, Oil
	32681A		Crankshaft (Incl. 12 & 13)
12	29783		Crankshaft Gear Pin (Early production)
13	27884		Gear, Crankshaft (Used in early production) This gear is
			servicable onlywhen it is pinned to the crankshaft.
110	32592B		Dictor 8 Din Acchy (Std.)(2.2/4")/In al 16)
			Piston & Pin Ass'y. (Std.)(2-3/4")(In cl.16)
	32593B		Piston & Pin Ass'y. (.010" OS) (Incl. 16)
	32594B		Piston & Pin Ass'y. (.020" OS) (Incl. 16)
	34517		Piston, Pin & Ring Set (Std.) (2-3/4" Bore)
	34518		Piston, Pin & Ring Set (.010" OS)
	34519		Piston, Pin & Ring Set (.020" OS)
	32595		Ring Set (Std.) (2-3/4" Bore)
	32596		Ring Set (.010" OS)
	32597		Ring Set (.020" OS)
	27888		Ring, Piston pin retaining
	32591C		Rod Assy., Connecting (Incl. 10 & 18)
	650662C		Screw, Connecting rod (2 each)
	32115		Camshaft (MCR)
	34034		Lifter, Valve
	31303B		Cover, Cylinder (Incl. 24, 106 & 279)
	28427		Seal, Oil
	31546		Bushing, Crankshaft (Use as required)
	31297		Dipstick, Oil (Incl. 30)
	30684		* Gasket, Cylinder cover
	650488		Screw, 1/4-20 x 1-1/4"
	29673		* Gasket, Oil filler
	650516		Screw, 1/4-20 x 1-1/8"
	32631A		* Gasket, Cylinder head
	30938A		Head, Cylinder
	27793		Clip, Conduit (Use as required)
	28942		Screw, 10-32 x 3/8" (Use as required)
36	650697A		Screw, 5/16-18 x 2-1/2" (Use as required)
36	650695A		Screw, 5/16-18 x 2-1/4" (Use as required)
36	650694A		Screw, 5/16-18 x 2" (Use as required)
37	33636		Resistor Spark Plug (RJ-8C)
	34251		Resistor Spark Plug
	27896A		* Gasket, Breather cover
	28423		Body, Breather
	28424		Element, Breather
	28425		Cover, Valve spring
	26073		Washer (Use as required)
12			

Washer, Flat (Use as required)
Washer Belleville (Lee as required)
Washer, Belleville (Use as required)
Screw, 10-24 x 1/2"
* Gasket, Intake
Flange, Carburetor (Incl. 79 & 80)
Screw, 5/16-18 x 3/4"
Screw, 8-32 x 5/16"
,
Lever, Governor (New lever does not need 1 of 51,66,132,164,165,207)
Bracket, Adjusting
Link, Throttle
Nut, Lock, 10-32
Screw, 8-32 x 3/8"
Screw, 10-32 x 3/4"
Ring, Retaining
Rod Assy., Governor (Incl. 64 & 65)
Governor Rod Ass'y. (This one-piece governor rodis no longer used. It is replaced by 30699C ass'y.,Ref. no. 63A)
Yoke, Governor
Screw, 6-40 x 5/16"
Lockwasher, #8 E.T.
Tube, Breather
Screw, 5/16-24 x 21/32"
Blower Housing (For elec.star.)(Incl. 134,135)
Washer, Belleville
Nut, Hex
Blower Housing Baffle (without electric starter knock-out) (Use as required)
Blower Housing Baffle (with electric starter knock-out) (Use
as required) (Point Ignition)
Screw, 1/4-20 x 5/8"
* Gasket, Carburetor
Nut & Lockwasher Assy., 1/4-28
Screw, 1/4-28 x 1-1/8"
Air Cleaner Ass'y. (Incl. 60, 83, 87, 88, 89, 90A & 331B)
(Use as required)
* Gasket, Air cleaner
Bracket, Air cleaner NOTE: 130010 thru 10C & 11 used in
early production only.
Screw, 10-32 x 1/2"
Element, Air cleaner
Body, Air cleaner
Spring, Compression
Screw, 8-32 x 3/4"
Base, Engine mounting
Muffler
Shaft, Mechanical governor
Gear Assy., Governor (Incl. 109)
Spool, Governor
Washer, Flat
Ring, Retaining
Screw, 1/4-20 x 5/8"
Fuel Cap (White Plastic)(Std)(As required)

required) required) 115 35355 Fuel Cap (Use as required) 118 20774 Fuel Line (Braided 8-1/4" cm)(Use as req.) 118 30705 Fuel Line (Braided 8-1/4" cm)(Use as req.) 120 650128 Screw, 10-24 x 1/2" (Use as required) 121 30622 Extension, Blower housing 124 650542 Screw, 5/16-18 x 3/4" 125 27930A Gasket, Exhaust 126 50073 Washer (Use as required) 128 650694A Screw, 5/16-18 x 3/4" 128 650694A Screw, 10-24 x 1/2" 130 1843A Bracket, Governor gear 131 650836 Screw, 10-24 x 1/2" 133 650433 Screw, 10-24 x 1/2" 133 650433 Screw, 10-24 x 1/2" 133 650433 Screw, 1/4-20 x 5/8" (Use as required) 205 650561 Screw, 1/4-20 x 5/8" (Use as required) 206 30339A Cover, Cyindre head 216 225 Cup, Starter 277 31			ty Description
required) required) required) 115 35355 Fuel Cap (Use as required) 118 29774 Fuel Line (Braided 8-1/4* 2m)(Use as req.) 118 30705 Fuel Line (Braided 8-1/4* 1/2* (Use as req.)) 118 30962 Fuel Line (Braided 8-1/4* 1/2* (Use as req.)) 121 30622 Fuel Line (Braided 8-1/4* 1/2* (Use as req.)) 121 30622 Screw, 5/16-18 x 3/4* 122 27930A Gasket, Exhaust 126 50196 Screw, 5/16-18 x 3/4* 127 26073 Washer (Use as required) 128 650694A Screw, 5/16-18 x 2# (Use as required) 129 32589 Key, Flywheel 130 31843A Bracket, Governor gear 131 650836 Screw, 1/4-20 x 1/2* 133 650433 Screw, 1/4-20 x 5/8* (Use as required) 205 565661 Screw, 1/4-20 x 5/8* (Use as required) 206 56460 Clarm, Fuel line 207 31461 Bushing, Crankshaft (Use as required) 208 266	115	33032	
118 29774 Fuel Line (Braided 16") (41 cm) (Use as req.) 118 30705 Fuel Line (Braided 32") (81 cm) (Use as req.) 120 650128 Screw, 10-24 x 1/2" (Use as req.) 121 30622 Screw, 5/16-18 x 3/4" 122 527930A Gasket, Exhaust 128 500942 Screw, 5/16-18 x 3/4" 127 26073 Washer (Use as required) 128 650694A Screw, 5/16-18 x 3/4" 129 32589 Key, Flywheel 130 31843A Bracket, Govenor gear 131 650636 Screw, 1/4-20 x 1-3/4" 149 30747 Clip, Shorting 133 650493 Screw, 1/4-20 x 1-3/4" 149 30747 Clip, Shorting 133 650493 Screw, 1/4-20 x 1-3/4" 149 30747 Clip, Shorting 133 650493 Screw, 1/4-20 x 1-3/4" 149 30747 Clip, Shorting 206 65061 Screw, 1/4-20 x 1-3/4" 217 50417 Screw, Cylinder head 226 24640 Clamp, Fuel line <td>115</td> <td>34210</td> <td>Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use a required)</td>	115	34210	Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use a required)
118 30705 Fuel Line (Braided 132') (81 cm) (Use as req.) 120 650128 Screw, 10-24 x 1/2' (Use as required) 121 30622 Screw, 10-24 x 1/2' (Use as required) 122 30624 Screw, 5/16-18 x 34" 125 27930A Gasket, Exhaust 126 30196 Screw, 5/16-18 x 34" 127 20073 Washer (Use as required) 128 650694A Screw, 5/16-18 x 34" 129 32589 Key, Flywheel 130 31843A Bracket, Governor gear 131 650830 Screw, 10-24 x 1/2" 133 650493 Screw, 14-24 x 1/4" 149 30747 Clip, Shorting 193 610118 Cover, Spark plug (Use as required) 205 650561 Screw, 1/4-20 x 5/8" (Use as required) 208 30939A Cover, Cylinder head 246 32125 Cup, Starter 247 50417 Screen, Starter cup 266 26460 Clarn, Fuel line 2775 Glip, Hi-tension wire (Use as required) 2787 324246 <t< td=""><td></td><td></td><td></td></t<>			
118 30862 Fuel Line (Braided 32 ¹) (81 cm) (Use as req.) 120 650128 Screw, 10-24 x 1/2' (Use as required) 124 650542 Screw, 5/16-18 x 3/4" 125 27930A Gasket, Exhaust 126 30196 Screw, 5/16-18 x 3/4" 127 26073 Washer (Use as required) 128 650694A Screw, 5/16-18 x 2" 129 32589 Key, Flywheel 130 31843A Bracket, Governor gear 131 650433 Screw, 10-24 x 1/2" 133 650493 Screw, 14/20 x 1/34" 149 30747 Clip, Shorting 133 650493 Screw, 1/4/20 x 5/8" (Use as required) 205 650561 Screw, 1/4/20 x 5/8" (Use as required) 206 2460 Clarp, Fuel line 207 31461 Bushing, Crankshaft (Use as required) 208 26460 Clarp, Fuel line 209 31711B Cophrof Bracket (fucl 98, 98 & 274) 207 31461 Bushing, Crankshaft (Use as required) 207 27275 Clip, Hi-tension wire (Use as required) </td <td></td> <td></td> <td></td>			
120 650128 Screw, 10-24 x 1/2" (Use as required) 121 30622A Extension, Blower housing 124 650542 Screw, 5/16-18 x 3/4" 125 27930A Gasket, Exhaust 126 50196 Screw, 5/16-18 x 3/4" 127 26073 Washer (Use as required) 128 650694A Screw, 5/16-18 x 3/4" 129 32589 Key, Flywheel 130 31843A Bracket, Governor gear 131 650493 Screw, 10-24 x 1/2" 133 650493 Screw, 10-24 x 1/2" 149 30747 Clip, Shorting 193 610118 Cover, Spark plug (Use as required) 206 60561 Screw, 1/4-20 x 1/3/4" 246 32125 Cup, Starter 247 590417 Screen, Starter cup 266 26460 Clamp, Fuel line 270 31461 Bushing, Cornikohaft (Use as required) 273 31711B Cophrol Bracket (Ind. 98, 99 & 274) 274 610973 Terminal Assy. (As req. on late prod uction) 275 34043			
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125 27930A Gasket, Exhaust 126 30196 Screw, 5/16-18 x 3/4" 127 26073 Washer (Use as required) 128 650694A Screw, 5/16-18 x 2" (Use as required) 129 32589 Key, Flywheel 130 31843A Bracket, Governor gear 131 650433 Screw, 10-24 x 1/2" 133 650493 Screw, 10-24 x 1/2" 133 650493 Screw, 10-24 x 1/2" 134 90747 Clip, Shorting 193 610118 Cover, Spark plug (Use as required) 205 650561 Screw, 1/4-20 x 5/8" (Use as required) 205 30939A Cover, Ofinder head 246 32125 Cup, Starter 247 590417 Screen, Starter cup 266 26460 Clamp, Fuel line 270 31461 Bushing, Crankshaft (Use as required) 273 34043 Spring, Control lever 287 27275 Clip, H-tension wire (Use as required) 287 27275 Clip, Ground wire (Use as required) 318 31752	121	30622A	Extension, Blower housing
126 30196 Screw, 5/16-18 x 3/4" 127 26073 Washer (Use as required) 128 650694A Screw, 5/16-18 x 2" (Use as required) 129 32589 Key, Flywheel 130 31843A Bracket, Governor gear 131 650836 Screw, 1/4-20 x 1-3/4" 149 30747 Clip, Shorting 193 610118 Cover, Spark plug (Use as required) 205 650561 Screw, 1/4-20 x 5/8" (Use as required) 206 560561 Screw, 1/4-20 x 5/8" (Use as required) 207 30939A Cover, Cylinder head 246 32125 Cup, Starter 247 590417 Screen, Starter cup 266 26460 Clamp, Fuel line 277 31711B Copntrol Bracket (Incl. 98, 99 & 274) 274 610973 Terminal Assy. (As req. on late prod uction) 275 Clip, Hi-tension wire (Use as required) 287 27275 Clip, Ground wire (Use as required) 318 31752 Decal, Narme 323 610767A Condenser 334 <	124	650542	Screw, 5/16-18 x 3/4"
12726073Washer (Use as required)128650694AScrew, \$716-18 x 2" (Use as required)12932589Key, Flwheel13031843ABracket, Governor gear131650836Screw, 10-24 x 1/2"133650493Screw, 10-24 x 1/2"14930747Clip, Shorting120650561Screw, 1/4-20 x 5/8" (Use as required)205650561Screw, 1/4-20 x 5/8" (Use as required)206266460Clup, Starter247590417Screen, Starter cup26626460Clamp, Fuel line27031461Bushing, Crankshaft (Use as required)27331711BCopritol Bracket (Incl. 98, 99 & 274)274610973Terminal Assy. (As req. on late prod uction)27534043Spring, Control lever28727275Clip, Hi-tension wire (Use as required)21831752Decal, Instruction31931752Decal, Instruction3215233Decal, Instruction33234346Decal, Instruction333610767ACondenser334631021Inlet Needle, Seat & Clip Assy.337610816Magneto (wring gear) (12 Volt) (7 Am p)NOTE: The complete magneto is not available as an assembly. The magneto number is shown for reference purposes only.337610816Magneto (wring gear) (12 Volt) (7 Am p)NOTE: The complete magneto is not available as an assembly. The magneto number is shown for reference purposes only.	125	27930A	Gasket, Exhaust
128 650694A Screw, 5/16-18 x 2" (Use as required) 129 32589 Key, Flywheel 130 1843A Bracket, Governor gear 131 650836 Screw, 10-24 x 1/2" 133 650493 Screw, 11/4-20 x 1-3/4" 149 90747 Clip, Shorting 193 610118 Cover, Spark plug (Use as required) 205 650561 Screw, 1/4-20 x 5/8" (Use as required) 209 90939A Cover, Cylinder head 246 32125 Cup, Starter 247 590417 Screen, Starter cup 266 66460 Clamp, Fuel line 270 31461 Bushing, Crankshaft (Use as required) 273 31711B Copntrol Bracket (Incl. 98, 99 & 274) 274 610973 Terminal Assy: (As req. on late prod uction) 275 Clip, Hi-tension wire (Use as required) 287 27275 Clip, Ground wire (Use as required) 287 27275 Clip, Ground wire (Use as required) 318 31752 Decal, Narme 322 32424 Contact Assy., Breaker <	126	30196	Screw, 5/16-18 x 3/4"
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131650836Screw, 10-24 x 1/2"133650493Screw, 1/4-20 x 1-3/4"14930747Clip, Shorting193610118Cover, Spark plug (Use as required)205650561Screw, 1/4-20 x 5/8" (Use as required)20930939ACover, Cylinder head24632125Cup, Starter247590417Screen, Starter cup26626460Clamp, Fuel line27031461Bushing, Crankshaft (Use as required)27331711BCoptrol Bracket (Incl. 98, 99 & 274)274610973Terminal Assy. (As req. on late prod uction)27534043Spring, Control lever28727275Clip, Hi-tension wire (Use as require d)28131752Decal, Instruction3313346Decal, Instruction33232434Contact Assy., Breaker33360767ACondenser334631021Inlet Needle, Seat & Clip Assy.337610816Magneto (wring gear) (12 Volt) (7 Am p)337610816Magneto (wring gear) (12 Volt) (7 Am p)			
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	337	610816	complete magneto is not available as an assembly. The magneto number is shown for reference purposes only. Order component parts individually, as show in parts list.
343 33239A Gasket Set (Incl. items marked*)	242	332304	Gasket Set (Incl. items marked*)



		Description
	650516	Screw, 1/4-20 x 1-1/8"
	27793	Clip, Conduit (Use as required)
35	28942	Screw, 10-32 x 3/8" (Use as required)
	650128	Screw, 10-24 x 1/2"
56	31710	Link, Throttle
	650815	Washer, Belleville
72	8116	Nut, Hex
	28569	Spring, Compression
	29500	Screw, 8-32 x 3/4"
	30063	Screw, 1/4-20 x 1/2"
193	610118	Cover, Spark plug (Use as required)
263	650764	Nut, "U" Type (Use as required)
274	610973	Terminal Ass'y. (As req. on late prod uction)
331	550223	Decal, Name
339	35765A	Electric Starter Motor (12 Volt) NOTE: The 29965, 32468, 32468B, 33606, 35765 and 35765A startermotors are used interchangeably on these models. Refer to service number stamped on end cap of motor, or on decal, for identification. Refer to Division 5, Section D for breakdown.
340	33328D	Starter Motor Kit (110-120 Volt) This 110-120 volt starter motor kit may have been added to this engine. It can be added only if cylinder hasdrilled and tapped starter mounting bosses and a ring gear flywheel (see#342). Refer to service number stamped on end cap of motor, or on decal, for identifica
342	30811A	Flywheel (Ring gear flywheel requiredon engines using 110-120 volt starter kits listed above)
342	611042	Flywheel (Used on Type letters H and above) (Std. Point ignition) (Ring gear flywheel required on engines using 110-120 volt starter kits listed above)
342	611085	Flywheel (Minimum ring gear flywheel required on engines using 110-120 volt starter kits listed above) (Use withSolid State ignition)



	Part Number		Description
27	27513		Lockwasher, 1/4" (Use as required)
29	650675		Washer, Flat
36	650697A	:	Screw, 5/16-18 x 2-1/2" (Use as requi red)
36	650695A	:	Screw, 5/16-18 x 2-1/4" (Use as required)
36	650694A	:	Screw, 5/16-18 x 2" (Use as required)
38	27896A		* Gasket, Breather cover
	26073		Washer (Use as required)
	650691		Washer, Flat (Use as required)
	650548		Screw, 8-32 x 5/16"
	30319		Rivet, Split (Used in early productio n)
	32326A		Lever, Governor (New lever does not need 1 of
52	52520A		51,66,132,164,165,207)
55	30205		Bracket, Adjusting
57	730130		Exh.Adap.Kit (Incl. 58 & 125) (Use as req.)
58	30196	:	Screw, 5/16-18 x 3/4" (Use as require d)
	29216		Nut, Lock, 10-32
61	29826		Screw, 10-32 x 3/4"
	29918		Lockwasher, #8 E.T.
	730561		Air cleaner kit (Incl. 38, 67A, 83, 84B, 85,89B, 89C, 90A, 9
028			91A, 91B, 91C, 91D, 245 & 331B) (Use only on engines wit
			an externally vented fully adjustable carburetor)
82	730127		Air Cleaner Ass'y. (Incl. 60, 83, 87, 88, 89A, 90, 238 &
			331B) (Use as required)
83	27272A		* Gasket, Air cleaner
84D	34819		Air Cleaner Elbow (Incl. 84B, 86A, 91, 91A, 91B & 91C) (Us
			in 730561 assembly only)
	28820		Screw, 10-32 x 1/2"
	31715		Body, Air cleaner
103E	391026	(Opt. Spark Arrest Muffler (Incl.196,1 97,199)
113	650561	:	Screw, 1/4-20 x 5/8"
118	29774		Fuel Line (Braided 8-1/4" 21 cm)(Use as req.)
118	30705		Fuel Line (Braided 16") (41 cm) (Use as req.)
	30962		Fuel Line (Braided 32") (81 cm) (Use as req.)
	27930A		Gasket, Exhaust
	30196		Screw, 5/16-18 x 3/4"
	650694A		Screw, 5/16-18 x 2" (Use as required)
	650548		Screw, $8-32 \times 5/16"$ (Early production)
	34067		Wire Assy., Alternator adapter (4-1/4 ")
	34069		Wire Assy., Alternator adapter (4-1/4-) Wire Assy., Alternator adapter (6-3/4 ")
	31288		Exh. Adaptor Kit (Incl.125,203,204) (As req.)
	650697A		Screw, 5/16-18 x 2-1/2" (Use as required)
	6021A		Screw, 5/16-18 x 1-1/2" (Use as required)
	33018		Harness, Adapter
266	26460		Clamp, Fuel line
331B			Decal, Air cleaner